

## USDA National Nutrient Database for Standard Reference Release 28

## Statistics Report 01112, Whey, acid, fluid

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Nutrient values and weights are for edible portion.

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
<b>Proximates</b>													
Water	g	93.42	--	0.098	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Energy	kcal	24	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/1976
Energy	kJ	100	--	--	--	--	--	--	--	--	Calculated or imputed	--	12/2006
Protein	g	0.76	--	0.028	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Total lipid (fat)	g	0.09	--	0.024	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Ash	g	0.61	--	0.038	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Carbohydrate, by difference	g	5.12	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/1976
Fiber, total dietary	g	0.0	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/1976
Sugars, total	g	5.12	--	--	--	--	--	--	--	--	Calculated or imputed	--	01/2003
<b>Minerals</b>													
Calcium, Ca	mg	103	--	3.539	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Iron, Fe	mg	0.08	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Magnesium, Mg	mg	10	--	0.452	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Phosphorus, P	mg	78	--	3.746	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Potassium, K	mg	143	--	5.269	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Sodium, Na	mg	48	--	3.250	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Zinc, Zn	mg	0.43	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Copper, Cu	mg	0.003	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Manganese, Mn	mg	0.002	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Selenium, Se	µg	1.8	--	--	--	--	--	--	--	--	Calculated or imputed	--	12/1997
<b>Vitamins</b>													
Vitamin C, total ascorbic acid	mg	0.1	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Thiamin	mg	0.042	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Riboflavin	mg	0.140	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Niacin	mg	0.079	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Pantothenic acid	mg	0.381	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Vitamin B-6	mg	0.042	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Folate, total	µg	2	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Folic acid	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2001
Folate, food	µg	2	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	01/2003
Folate, DFE	µg	2	--	--	--	--	--	--	--	--	Calculated or imputed	--	12/2006
Choline, total	mg	16.0	--	--	--	--	--	--	--	--	Calculated or imputed	--	12/2006
Vitamin B-12	µg	0.18	--	0.017	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Vitamin A, RAE	µg	2	--	--	--	--	--	--	--	--	Calculated or imputed	--	01/2003

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Retinol	µg	2	--	--	--	--	--	--	--	--	Calculated or imputed	--	01/2003
Carotene, beta	µg	0	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
Carotene, alpha	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Cryptoxanthin, beta	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Vitamin A, IU	IU	7	--	--	--	--	--	--	--	--	Calculated or imputed	--	01/2003
Lycopene	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Lutein + zeaxanthin	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Vitamin E (alpha-tocopherol)	mg	0.00	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
Vitamin K (phylloquinone)	µg	0.0	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
<b>Lipids</b>													
Fatty acids, total saturated	g	0.057	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
4:0	g	0.004	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
6:0	g	0.001	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
8:0	g	0.001	--	0.000	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
10:0	g	0.002	--	0.001	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
12:0	g	0.001	--	0.000	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
14:0	g	0.008	--	0.002	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
16:0	g	0.025	--	0.007	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:0	g	0.010	--	0.003	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Fatty acids, total monounsaturated	g	0.025	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
16:1 undifferentiated	g	0.004	--	0.002	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:1 undifferentiated	g	0.019	--	0.005	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
20:1	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
22:1 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
Fatty acids, total polyunsaturated	g	0.004	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:2 undifferentiated	g	0.003	--	0.001	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
18:3 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:4	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
20:4 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/1976
20:5 n-3 (EPA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
22:5 n-3 (DPA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
22:6 n-3 (DHA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	01012	01/2003
Cholesterol	mg	1	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/1976
<b>Amino Acids</b>													
Tryptophan	g	0.016	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Threonine	g	0.038	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Isoleucine	g	0.038	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Leucine	g	0.072	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Lysine	g	0.065	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Methionine	g	0.014	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

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Cystine	g	0.014	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Phenylalanine	g	0.025	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Tyrosine	g	0.019	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Valine	g	0.038	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Arginine	g	0.021	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Histidine	g	0.015	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Alanine	g	0.033	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Aspartic acid	g	0.074	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Glutamic acid	g	0.136	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Glycine	g	0.014	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Proline	g	0.045	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Serine	g	0.035	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
<b>Other</b>													
Alcohol, ethyl	g	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	10/1995
Caffeine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Theobromine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003